

LISTING OF THE CLAIMS

The listing of the claims will replace all prior versions, and listings of claims in the application.

1. (Currently amended) A system for applying compression therapy to patient's limb, the system comprising
a patient-support apparatus having a module-receiving cavity provided within a first portion of the patient support apparatus,
a compression sleeve adapted to couple to the patient's limb, the sleeve being inflatable to compress the patient's limb,
a conduit through which the sleeve is inflated,
a pneumatic coupler provided on a second portion of the patient-support apparatus that is spaced from the first portion of the patient support apparatus and that is accessible to a caregiver for selective and releasable connection of the compression sleeve to the pneumatic coupler, the conduit being routed through an interior region of the patient support apparatus between the module-receiving cavity and the pneumatic coupler, and
a compression module removably attachable to the patient-support apparatus and operable to inflate the compression sleeve through the conduit and the pneumatic coupler, at least a portion of the compression module being ~~received~~ received in the module-receiving cavity such that an outlet port of the compression module pneumatically communicates with the conduit when the compression module is ~~attached to~~ received within the module receiving cavity of the patient-support apparatus.
2. (Original) The system of claim 1, wherein the patient-support apparatus comprises a bed.
3. (Original) The system of claim 2, wherein the bed comprises a siderail and the module-receiving cavity is formed in the siderail.
4. (Currently amended) The system of claim 3, wherein ~~the siderail has~~ at least a portion of the interior region of the patient-support apparatus comprises an interior region of the siderail and at least a portion of the conduit is situated in the interior region of the siderail.

5. (Original) The system of claim 2, wherein the bed comprises a footboard and the module-receiving cavity is formed in the footboard.

6. (Currently amended) The system of claim 5, wherein ~~the footboard has~~ at least a portion of the interior region of the patient-support apparatus comprises an interior region of the footboard and at least a portion of the conduit is situated in the interior region of the footboard.

7. (Original) The system of claim 2, wherein the bed comprises a mattress and the module-receiving cavity is formed in the mattress.

8. (Currently amended) The system of claim 7, wherein ~~the mattress has~~ at least a portion of the interior region of the patient-support apparatus comprises an interior region of the mattress and at least a portion of the conduit is situated in the interior region of the mattress.

9. (Original) The system of claim 2, wherein the bed comprises a patient-support deck and the module-receiving cavity is formed in the patient-support deck.

10. (Currently amended) The system of claim 9, wherein ~~the patient-support deck has~~ at least a portion of interior region of the patient-support apparatus comprises an interior region of the patient-support deck and at least a portion of the conduit is situated in the interior region of the patient-support deck.

11. (Original) The system of claim 9, wherein the patient-support deck has a first deck section and a second deck section, the first deck section is movable with respect to the second deck section, and the module-receiving cavity is formed in the first deck section.

12. (Currently amended) The system of claim 1, wherein the patient-support apparatus has an inlet port in pneumatic communication with the conduit, ~~the compression module has an outlet port, the inlet port is coupled to the conduit~~, and the outlet port couples automatically to the inlet port when the compression module is inserted into the module-receiving cavity.

13. (Currently amended) The system of claim 1, wherein the compression module comprises an electric circuit and a pressure generator, the patient-support apparatus comprises an electrical system, and the electrical system of the patient-support apparatus communicates with the electric circuit of the compression module when the compression module is ~~coupled to the patient support apparatus~~ received in the module-receiving cavity.

14. (Original) The system of claim 13, wherein the compression module has a first electrical connector, the patient-support apparatus has a second electrical connector, and the first electrical connector mates automatically with the second electrical connector when the compression module is inserted into the module-receiving cavity.

15. (Original) The system of claim 13, wherein the electrical system comprises a user input device configured to receive user inputs to command the operation of the compression module and the user input device is spaced from the module-receiving cavity.

16. (Original) The system of claim 13, wherein the pressure generator comprises a pump.

17. (Original) The system of claim 13, wherein the pressure generator comprises a compressor.

18. (Original) The system of claim 1, wherein the compression module is adapted to receive pressurized fluid from an external source of pressurized fluid and the compression module comprises a first valve having an opened position allowing pressurized fluid to flow through the conduit to inflate the compression sleeve and a closed position blocking the flow of pressurized fluid into the conduit.

19. (Original) The system of claim 1, wherein the patient-support apparatus comprises a mattress.

20. (Currently amended) The system of claim 19, wherein the mattress comprises a core and a coverlet ~~having an interior region~~ in which the core is situated, the

module-receiving cavity is formed in the core, and the coverlet has an opening through which the module-receiving cavity is accessed.

21. (Original) The system of claim 20, wherein the interior region of the patient-support apparatus is provided within the coverlet, the conduit is routed at least partially through the interior region ~~of~~ provided within the coverlet, and the ~~conduit has a portion~~ pneumatic coupler is situated outside the interior region of the coverlet ~~that is adapted to couple to the compression sleeve~~.

22. (Currently amended) The mattress system of claim 21, wherein the ~~portion of the conduit that is adapted to couple to the compression sleeve comprises a connection port~~ pneumatic coupler is adjacent a side panel of the coverlet.

23. (Currently amended) The mattress system of claim 22, wherein the ~~connection port~~ pneumatic coupler is coupled to the side panel of the coverlet.

24. (Currently amended) The mattress system of claim 23, wherein the coverlet has a top panel, a bottom panel, and a the side panel extending extends between the top and bottom panels, and the ~~connection port~~ pneumatic coupler is coupled to the side panel near a foot end of the mattress.

25. (Currently amended) The mattress system of claim 23, wherein the coverlet and core have a head end, a foot end, and a pair of sides extending between the head and foot ends, the module-receiving cavity is closer to the head end than to the foot end, and the ~~connection port~~ pneumatic coupler is closer to the foot end than to the head end.

26. (Original) The mattress of claim 20, further comprising a liner member having a first portion that lines the module-receiving cavity and having a second portion coupled to the coverlet.

27. (Original) The mattress of claim 26, wherein the first portion of the liner member has a space configured to receive at least a portion of the compression module therein.

28. (Original) The mattress of claim 26, wherein the second portion comprises a flange that couples to the coverlet adjacent the opening.

29.-104. (Cancelled)